===============================================================
Sequence Listing could not be accepted.
If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).
Reviewer: Anne Corrigan
Timestamp: Fri Aug 03 17:58:57 EDT 2007
===============================================================



*************************************************************
Reviewer Comments:
<210>   9
<211>   20
<212>   DNA
<213>   Artificial

<220>
<223>   Artificial sequence

The above <223> explanation for "Artificial Sequence" is insufficient;
please give the source of the genetic material. Same error in Sequence
10.

<210>   17
<211>   528
<212>   DNA
<213>   Cotton

Please give the Genus species of the <213> response above.  Per 1.823 of
the Sequence Rules, the only valid <213> responses are:  Genus species,
"Artificial Sequence," or "Unknown."  Same error in Sequences 18-20.
*************************************************************

Application No:            10594418              Version No:              1.0

Input Set:

Output Set:

Started:    2007-07-27 19:19:48.737
Finished:   2007-07-27 19:19:50.647
Elapsed:    0 hr(s) 0 min(s) 1 sec(s) 910 ms
Total Warnings:    23
Total Errors:    0
No. of SeqIDs Defined:    27
Actual SeqID Count:    27

Error code        Error Description

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W   213        Artificial or Unknown found in <213>  in SEQ ID (9)

W   213        Artificial or Unknown found in <213>  in SEQ ID (10)

W   213        Artificial or Unknown found in <213>  in SEQ ID (11)

W   213        Artificial or Unknown found in <213>  in SEQ ID (12)

W   213        Artificial or Unknown found in <213>  in SEQ ID (13)

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W   213        Artificial or Unknown found in <213>  in SEQ ID (15)

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W   213        Artificial or Unknown found in <213>  in SEQ ID (21)

W   213        Artificial or Unknown found in <213>  in SEQ ID (22)

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W   213        Artificial or Unknown found in <213>  in SEQ ID (24)

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        Input Set:


        Output Set:



            Started:   2007-07-27 19:19:48.737
           Finished:   2007-07-27 19:19:50.647
            Elapsed:   0 hr(s) 0 min(s) 1 sec(s) 910 ms
     Total Warnings:   23
       Total Errors:   0
No. of SeqIDs Defined: 27
 Actual SeqID Count:   27
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Error code      Error Description

        This error has occured more than 20 times, will not be displayed

<110>    Hexima Limited
         Poon, Simon
         Heath, Robyn L.
         Clarke, Adrienne E.

<120>    Arabinogalactan Protein Compositions and Methods for Fostering
         Somatic Embryonic Competence

<130>    12639240/AJH

<140>    10594418
<141>    2007-07-27

<150>     10/594,418
<151>     2005-03-31

<150>    60/558,609
<151>    2004-03-01

<160>    27

<170>    PatentIn version 3.4

<210>    1
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<213>    Artificial

<220>
<223>    Synthetic peptide


<220>
<221>    MISC_FEATURE
<222>    (5)..(6)
<223>    Xaa can be any naturally occurring amino acid

<400>    1

Glu Asp Tyr Ser Xaa Xaa Thr Ser Asn Pro Ile Ala Glu Tyr Lys
1               5                   10                  15


<210>    2
<211>    8
<212>    PRT
<213>    Artificial

<220>
<223>    Synthetic peptide

<400>    2

Ile Gln Ile Gly Asp Ser Leu Val
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<210> 3
<211> 11
<212> PRT
<213> Artificial

<220>
<223> Synthetic peptide

<400> 3

Ser Thr Ala Ser Leu Gly Val Thr Leu Ser Val
1               5                   10


<210> 4
<211> 13
<212> PRT
<213> Artificial

<220>
<223> Synthetic peptide

<400> 4

Ala Gly Thr Leu Arg Pro Glu Lys Pro Phe Thr Ala Asn
1               5                   10


<210> 5
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<212> PRT
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<220>
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<400> 5

Asp Gly Trp Val Val Ser Pro Ser Glu Asn Tyr Asn His Trp Ala Glu
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<210> 6
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<220>
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<222> (8)..(8)
<223> Xaa can be any naturally occurring amino acid

<400> 6

Ile Gln Val Xaa Asp Glu Val Xaa Glu
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<211> 13
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<220>
<223> Synthetic peptide

<400> 7

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1               5                   10


<210> 8
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<220>
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<223> y is c or t

<220>
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<222>  (15)..(15)
<223>  r is A or G

<400>  8
aayccnatng cngartayaa                                          20


<210>  9
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<220>
<223>  Artificial sequence


<220>
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<223>  n is inosine

<400>  9
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<210>  10
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<220>
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<220>
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<222> (21)..(21)
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<400> 10
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<210> 11
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<220>
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gctttcgaac ccaaatgcta ctag                                             84


<210> 12
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<212> PRT
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<220>
<223> GhPRP1 partial amino acid sequence

<400> 12

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1               5                   10                  15

Val Gly Pro Phe Ala Phe Glu Pro Lys Cys Tyr
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<210>   13
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<220>
<223>   Synthetic primer

<400>   13
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<210>   14
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<220>
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<400>   14
caaactcaaa acaaccccaa aacc                                  24


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<220>
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<400>   15
gatgaaagca aggcacacac ac                                    22


<210>   16
<211>   20
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<220>
<223>   Synthetic primer

<400>   16
cccccttaata attcagcacc                                      20


<210>   17
<211>   528
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<400> 17

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agctttgcac aaggtaaaga aatcatggtt ggtggcaaaa caggcgcttg aagatacct          120

tcttctgaat cagattctct caacaaatgg gctgaaaaag ctcgtttcca aatcggcgac          180

tctctcgtgt ggaaatatga tggtggtaaa gactcggtgc tccaagtgag taaggaggat          240

tatacaagtt gcaatacgtc gaacccgatt gccgagtaca agatgggaa caccaaggtg          300

aagcttgaaa agtcaggacc atatttcttc atgagtggag caaagggcca ctgcgagcaa          360

ggccagaaga tgattgtggt tgtgatgtct caaaagcata ggtacattgg aatctctcca          420

gcaccttcgc cggttgattt tgaaggtccg gccgttgctc caacaagcgg agttgcaggg          480

ttgaaggctg gtttgttggt gacagtgggg gttttggggt tgttttga                    528


<210>   18
<211>   175
<212>   PRT
<213>   Cotton

<400>   18

Met Ala Ala Lys Ala Phe Ser Arg Ser Ile Thr Pro Leu Val Leu Leu
1                   5                   10                  15


Phe Ile Phe Leu Ser Phe Ala Gln Gly Lys Glu Ile Met Val Gly Gly
            20                  25                  30


Lys Thr Gly Ala Trp Lys Ile Pro Ser Ser Glu Ser Asp Ser Leu Asn
        35                  40                  45


Lys Trp Ala Glu Lys Ala Arg Phe Gln Ile Gly Asp Ser Leu Val Trp
    50                  55                  60


Lys Tyr Asp Gly Gly Lys Asp Ser Val Leu Gln Val Ser Lys Glu Asp
65                  70                  75                  80


Tyr Thr Ser Cys Asn Thr Ser Asn Pro Ile Ala Glu Tyr Lys Asp Gly
                85                  90                  95


Asn Thr Lys Val Lys Leu Glu Lys Ser Gly Pro Tyr Phe Phe Met Ser
                100                 105                 110

Gly Ala Lys Gly His Cys Glu Gln Gly Gln Lys Met Ile Val Val Val
        115                 120                 125


Met Ser Gln Lys His Arg Tyr Ile Gly Ile Ser Pro Ala Pro Ser Pro
    130                 135                 140


Val Asp Phe Glu Gly Pro Ala Val Ala Pro Thr Ser Gly Val Ala Gly
145                 150                 155                 160


Leu Lys Ala Gly Leu Leu Val Thr Val Gly Val Leu Gly Leu Phe
                165                 170                 175


<210>   19
<211>   660
<212>   DNA
<213>   Cotton

<400>   19
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tcatcacagg gttataagtt ctatgttggt ggtagagacg gttgggttgt tagtccttct     120

gagaactaca atcattgggc tgaaaggaat agattccaag tcaatgatac tctcttttc      180

aagtacaaga aagggtcaga ctcggtgctg ttggtaacaa gagaagatta cttctcatgc     240

aacaccaaga acccaattca gtctttaaca gaaggtgatt cactctttac atttgatcgg     300

tcgggtccct cttttttcat caccggtaac gctgataatt gcaaaaaagg caaaagctg      360

atcgtcgtgg tcatggctgt aagacacaaa ccccagcaac aacctccttc accttctccc     420

tcatctgctg tgacaacagc gccggtttct ccacccacat acccattcc tgaaactaac      480

cctcctgtag agtcaccaaa gagcagtgag gctccatctc atgatgctgt ggaaccagct     540

ccgccggagc acagatcggg ttcattcaaa ctagtatgtt ctacctggct ggtgttgggt     600

ttcggcattt gggtcagcat ggccttgggg atcgaaaatg tagtttgttt ttggtgctga     660


<210>   20
<211>   219
<212>   PRT
<213>   Cotton

<400>   20

Met Gly Phe Glu Arg Tyr Leu Ala Ser Val Leu Ile Val Ile Met Leu
1                   5                   10                  15


Ser Phe Ile Thr Ser Ser Gln Gly Tyr Lys Phe Tyr Val Gly Gly Arg

```
            20                    25                    30


Asp Gly Trp Val Val Ser Pro Ser Glu Asn Tyr Asn His Trp Ala Glu
        35                    40                    45


Arg Asn Arg Phe Gln Val Asn Asp Thr Leu Phe Phe Lys Tyr Lys Lys
        50                    55                    60


Gly Ser Asp Ser Val Leu Leu Val Thr Arg Glu Asp Tyr Phe Ser Cys
65                    70                    75                    80


Asn Thr Lys Asn Pro Ile Gln Ser Leu Thr Glu Gly Asp Ser Leu Phe
                85                    90                    95


Thr Phe Asp Arg Ser Gly Pro Phe Phe Phe Ile Thr Gly Asn Ala Asp
            100                   105                   110


Asn Cys Lys Lys Gly Gln Lys Leu Ile Val Val Val Met Ala Val Arg
            115                   120                   125


His Lys Pro Gln Gln Gln Pro Pro Ser Pro Ser Ser Ala Val
            130                   135                   140


Thr Thr Ala Pro Val Ser Pro Pro Thr Leu Pro Ile Pro Glu Thr Asn
145                   150                   155                   160


Pro Pro Val Glu Ser Pro Lys Ser Ser Glu Ala Pro Ser His Asp Ala
                165                   170                   175


Val Glu Pro Ala Pro Pro Glu His Arg Ser Gly Ser Phe Lys Leu Val
            180                   185                   190


Cys Ser Thr Trp Leu Val Leu Gly Phe Gly Ile Trp Val Ser Met Ala
            195                   200                   205


Leu Gly Ile Glu Asn Val Val Cys Phe Trp Cys
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<210>   21
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<212>   DNA
<213>   Artificial

<220>
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<223>  Synthetic primer

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<212>  DNA
<213>  Artificial

<220>
<223>  Synthetic primer

<400>  22
ctagattcca atgtacctat gcttttgaga c                                      31


<210>  23
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<212>  DNA
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<220>
<223>  Synthetic primer

<400>  23
caccctggtt ccgcgtggat cctataagtt ctatgttggt ggtag                       45


<210>  24
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<220>
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ctattgttgc tggggtttgt gtcttacagc catg                                   34


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<212>  PRT
<213>  Artificial

<220>
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1               5                   10                  15


Tyr Lys Lys Ala Gly Ser Ala Ala Ala Pro Phe Thr Leu Val Pro Arg

Gly Ser Lys Glu Ile Met Val Gly Gly Lys Thr Gly Ala Trp Lys Ile
        35                          40                          45


Pro Ser Ser Glu Ser Asp Ser Leu Asn Lys Trp Ala Glu Lys Ala Arg
        50                          55                          60


Phe Gln Ile Gly Asp Ser Leu Val Trp Lys Tyr Asp Gly Gly Lys Asp
65                          70                          75                          80


Ser Val Leu Gln Val Ser Lys Glu Asp Tyr Thr Ser Cys Asn Thr Ser
                85                          90                          95


Asn Pro Ile Ala Glu Tyr Lys Asp Gly Asn Thr Lys Val Lys Leu Glu
                100                         105                         110


Lys Ser Gly Pro Tyr Phe Phe Met Ser Gly Ala Lys Gly His Cys Glu
        115                         120                         125


Gln Gly Arg Lys Met Ile Val Val Val Met Ser Gln Lys His Arg Tyr
        130                         135                         140


Ile Gly Ile
145


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<212>    PRT
<213>    Artificial

<220>
<223>    Recombinant P12 sequence

<400>    26

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1                   5                           10                          15


Tyr Lys Lys Ala Gly Ser Ala Ala Ala Pro Phe Thr Leu Val Pro Arg
                20                          25                          30


Gly Ser Tyr Lys Phe Tyr Val Gly Gly Arg Asp Gly Trp Val Val Ser
        35                          40                          45

Pro Ser Glu Asn Tyr Asn His Trp Ala Glu Arg Asn Arg Phe Gln Val
    50                      55                  60

Asn Asp Thr Leu Phe Phe Lys Tyr Lys Lys Gly Ser Asp Ser Val Leu
65                      70                  75                  80

Leu Val Thr Arg Glu Asp Tyr Phe Ser Cys Asn Thr Lys Asn Pro Ile
                85                  90                  95

Gln Ser Leu Thr Glu Gly Asp Ser Leu Phe Thr Phe Asp Arg Ser Gly
                100                 105                 110

Pro Phe Phe Phe Ile Thr Gly Asn Ala Asp Asn Cys Lys Lys Gly Gln
        115                 120                 125

Lys Leu Ile Val Val Val Met Ala Val Arg His Lys Pro Gln Gln Gln
    130                 135                 140


<210>   27
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<212>   PRT
<213>   Artificial

<220>
<223>   Synthetic peptide

<400>   27

Lys Glu Ile Met Val Gly Gly Lys Thr Gly Ala Trp Lys Ile Pro
1               5                   10                  15